



IFW16

RAW SEQUENCE LISTING DATE: 07/21/2004
PATENT APPLICATION: US/09/936,382 TIME: 09:31:03

Input Set : A:\1980599US.app
Output Set: N:\CRF4\07212004\I936382.raw

3 <110> APPLICANT: TEPNEL MEDICAL LIMITED
5 <120> TITLE OF INVENTION: ENZYMATICALLY CATALYSED SIGNAL AMPLIFICATION
7 <130> FILE REFERENCE: M98/0599/GB
9 <140> CURRENT APPLICATION NUMBER: US/09/936,382
10 <141> CURRENT FILING DATE: 2001-09-10
12 <150> PRIOR APPLICATION NUMBER: GB9905580.8
13 <151> PRIOR FILING DATE: 1999-03-12
15 <150> PRIOR APPLICATION NUMBER: PCT/GB00/00921
16 <151> PRIOR FILING DATE: 2000-03-13
19 <160> NUMBER OF SEQ ID NOS: 6
21 <170> SOFTWARE: PatentIn Ver. 2.1
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 10
25 <212> TYPE: DNA
26 <213> ORGANISM: Artificial Sequence
28 <220> FEATURE:
29 <223> OTHER INFORMATION: Description of Artificial Sequence: N.BstNB1
30 recognition sequence
32 <220> FEATURE:
33 <221> NAME/KEY: misc_feature
34 <222> LOCATION: (6)..(10)
35 <223> OTHER INFORMATION: Any nucleotide - N.BstNB1 recognition sequence
38 <400> SEQUENCE: 1

ENTER

ENTERED

W--> 39 gagtcnnnnn 10
42 <210> SEQ ID NO: 2
43 <211> LENGTH: 24
44 <212> TYPE: DNA
45 <213> ORGANISM: Cytomegalovirus
47 <220> FEATURE:
48 <223> OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
49 Endonuclease protected sequence
51 <400> SEQUENCE: 2 24
52 tcgacgggtgg agatactgct gagg
55 <210> SEQ ID NO: 3
56 <211> LENGTH: 36
57 <212> TYPE: DNA
58 <213> ORGANISM: Artificial Sequence
60 <220> FEATURE:
61 <223> OTHER INFORMATION: Description of Artificial Sequence: Amplification
62 template
64 <220> FEATURE:
65 <221> NAME/KEY: modified_base
66 <222> LOCATION: (20)

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/936,382

DATE: 07/21/2004
TIME: 09:31:03

Input Set : A:\1980599US.app
Output Set: N:\CRF4\07212004\I936382.raw

```

67 <223> OTHER INFORMATION: cm
69 <220> FEATURE:
70 <221> NAME/KEY: modified_base
71 <222> LOCATION: (21)
72 <223> OTHER INFORMATION: um
74 <220> FEATURE:
75 <221> NAME/KEY: modified_base
76 <222> LOCATION: (22)
77 <223> OTHER INFORMATION: cm
79 <220> FEATURE:
80 <221> NAME/KEY: misc_feature
81 <222> LOCATION: (23)
82 <223> OTHER INFORMATION: 2'-O-methyladenosine
84 <220> FEATURE:
85 <221> NAME/KEY: modified_base
86 <222> LOCATION: (24)
87 <223> OTHER INFORMATION: gm
89 <220> FEATURE:
90 <221> NAME/KEY: modified_base
91 <222> LOCATION: (25)
92 <223> OTHER INFORMATION: cm
94 <220> FEATURE:
95 <221> NAME/KEY: misc_feature
96 <222> LOCATION: (26)
97 <223> OTHER INFORMATION: 2'-O-methyladenosine
99 <400> SEQUENCE: 3
100 ttctccttcc agttgctacc ucagcagtat ctccac 36
103 <210> SEQ ID NO: 4
104 <211> LENGTH: 18
105 <212> TYPE: DNA
106 <213> ORGANISM: Artificial Sequence
108 <220> FEATURE:
109 <223> OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
110     Endonuclease protected sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Description of Artificial Sequence: Detection
114     oligonucleotide
116 <400> SEQUENCE: 4
117 ttctccttcc agttgcta 18
120 <210> SEQ ID NO: 5
121 <211> LENGTH: 36
122 <212> TYPE: DNA
123 <213> ORGANISM: Artificial Sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: Description of Artificial Sequence: Amplification
127     template
129 <220> FEATURE:
130 <221> NAME/KEY: modified_base
131 <222> LOCATION: (22)

```

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/936,382

DATE: 07/21/2004
TIME: 09:31:03

Input Set : A:\1980599US.app
Output Set: N:\CRF4\07212004\I936382.raw

132 <223> OTHER INFORMATION: cm
134 <220> FEATURE:
135 <221> NAME/KEY: modified_base
136 <222> LOCATION: (23)
137 <223> OTHER INFORMATION: um
139 <220> FEATURE:
140 <221> NAME/KEY: modified_base
141 <222> LOCATION: (24)
142 <223> OTHER INFORMATION: um
144 <220> FEATURE:
145 <221> NAME/KEY: modified_base
146 <222> LOCATION: (25)
147 <223> OTHER INFORMATION: cm
149 <220> FEATURE:
150 <221> NAME/KEY: modified_base
151 <222> LOCATION: (26)
152 <223> OTHER INFORMATION: cm
154 <220> FEATURE:
155 <221> NAME/KEY: misc_feature
156 <222> LOCATION: (27)
157 <223> OTHER INFORMATION: 2'-O-methyladenosine
159 <400> SEQUENCE: 5
160 gtgaagatgt tgcattttccuuccagtt gctacc 36
163 <210> SEQ ID NO: 6
164 <211> LENGTH: 18
165 <212> TYPE: DNA
166 <213> ORGANISM: Artificial Sequence
168 <220> FEATURE:
169 <223> OTHER INFORMATION: Description of Artificial Sequence: Detection
170 oligonucleotide
172 <400> SEQUENCE: 6
173 gtgaagatgt tgcatttt 18

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/936,382

DATE: 07/21/2004
TIME: 09:31:04

Input Set : A:\1980599US.app
Output Set: N:\CRF4\07212004\I936382.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 6,7,8,9,10

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/936,382

DATE: 07/21/2004
TIME: 09:31:04

Input Set : A:\1980599US.app
Output Set: N:\CRF4\07212004\I936382.raw

L:9 M:270 C: Current Application Number differs, Replaced Application Number
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:39 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0